English

MG200

USER GUIDE

Thank you for choosing the mpio music player.
Please read this manual carefully for trouble-free operation.

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mpio

Thank you for purchasing MPIO product. This product is a digital audio player that enables users to play back music conveniently and utilize it for various purposes. To use this product properly, make sure to read through this manually before using it.

http://www.mpio.com
For more information on the MPIO products, visit our web site on the Internet. You can find many answers to the customer's various enquiries, or upgrade the product performance through firmware upgrade (system software) that operates this product.

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- Macintosh and Macintosh are the registered trademark of Apple Computer, Inc.
- Products and products described in this manual are the trademark or registered trademark of the corresponding company or organization, and ™ or ® mark not always displayed explicitly.

Disclaimer

- Manufacturer and sales office do not bear any responsibility over the accidental damage that accompanies the injury to the user, which is caused by improper usage of this product.
  The contents of this manual are based on the product status at the time of sales and can be changed without a prior notice for continuous performance improvement and additional function supplementation in the future.

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Safety Precautions

The following information is for protecting the user's safety and any property damages. Please read the following information and use the product accordingly.

- Do not use in high temperature (near heating device or heat generators).
- Do not use in minus zero temperatures or outdoors during winter (operating temperature 0℃~40℃).
- Do not leave in humid areas or frequently flooding areas.
- Do not leave in dusty areas.
- Do not leave inside vehicles or under direct sunlight.
- Avoid shaky areas.
- Avoid magnetic objects.
- Avoid strong impact to prevent disassemble or data loss.
- Never disassemble, repair or reorganize.
- Be careful of foreign substances entering the product interior. E.g.) Paper clips, paper, water, drinks, etc.
- When removing foreign substances from the product surface, always use a soft cloth or a towel. Do not use chemical solvents.
- When removing foreign substances from the product surface, always use a soft cloth or a towel. Do not use chemical solvents.
- To avoid electric shock, do not use this device during a lightning storm or whenever the electrical power grid is unstable.

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User Safety

1. Traffic Safety

- Do not listen to music using headphones or earphones when riding a bicycle, motor cycle or driving a vehicle. It is dangerous and it may be against the law in some regions.
- Reduce the headset or earphone volume when listening to music or FM while you're walking. There is a risk of an accident.

2. Hearing Protection

- Do not use headphones or earphones for a long period of time. Professionals suggest that long use of all portable audio devices may have a possibility of causing hearing loss.

Data Storage

1. MPIO Co., Ltd. will not be responsible for data loss or damages occurred while trans ferring data between the product and a PC.
2. **When storing important data, please make a back-up copy. The data may be damaged due to malfunction or other elements such as outer impact or lack of battery. Please note that in case of data loss, MPIO Co., Ltd. will not be respon sible for the lost data.**
3. When inserting/removing the USB plug into a computer, please do so by holding the plug.
4. When the product is connected to a computer, please do not cause impact or shake theconnector.
5. You should back up the data saved in the product before requesting the after service. MPIO will consider that the customers have backed up their data before sending it to MPIO for after service. MPIO will not back up your data upon receiving the after service request.
   Additionally, MPIO will bear no responsibility over data loss during the service.

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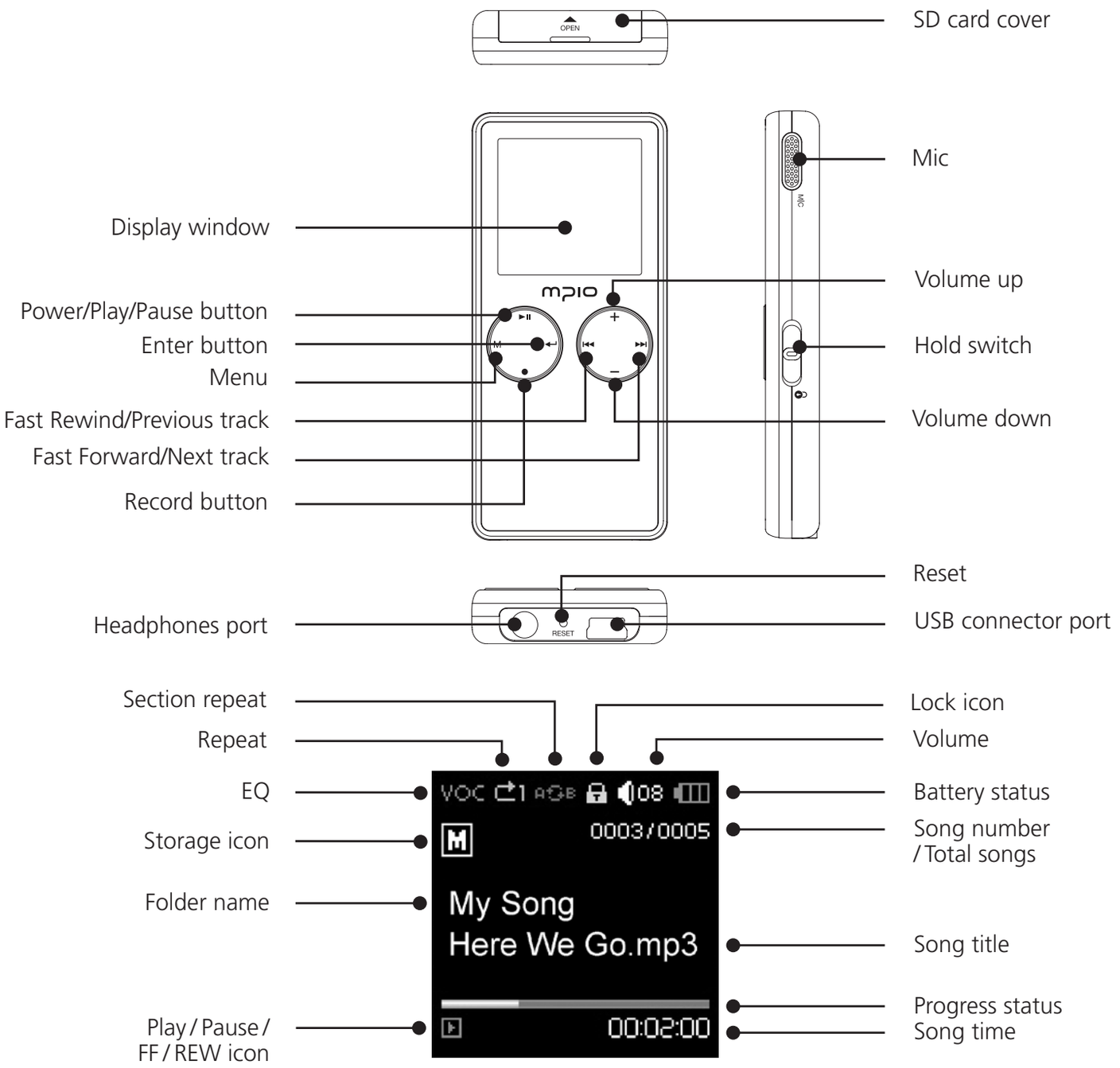
At a Glance: MPIO MG200



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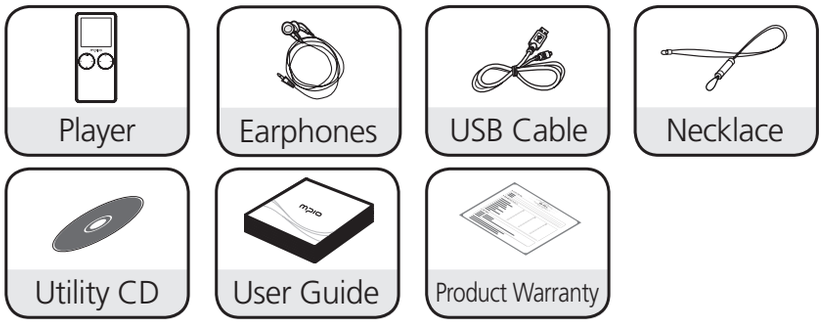
Accessories



Your package includes either the Necklace or the Protective Casing depending on your country or region.

⚠ ***Note***

Actual accessories may be different from the images shown.
The package accessories are subject to change without notice.

Connecting and Disconnecting MG200

Connecting MG200

To connect MG200 to a PC

- Plug the included USB cable into a USB port of your computer, and connect the other end to MG200.
- Do not remove MG200 while the computer is installing the USB driver or while MG200 is in operation, or you may experience abnormal system behavior.
  "Looking for a new device" message will appear indicating installation of the device.

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To connect MG200 to a Mac

- **Plug the included USB cable into a USB port of your computer, and connect the other end to MG200.**

MG200 icon will appear on the desktop as a removable storage. Double-click it to open it. You can drag and drop songs and videos onto it just as you would with other external hard disk storage.

Charging your MG200 battery

MG200 has an internal, nonremovable rechargeable battery; and it uses power from the USB port on your computer to charge.
To charge your MG200, make sure that your computer is turned on, it isn't sleeping, and that the USB port you connect your MG200 to provides power.
The USB port on your keyboard doesn't provide enough power to charge MG200--you must connect MG200 to a USB port on your computer.

MTP (Media Transfer Protocol)

The MTP, or the Media Transfer Protocol, is a method devised by Microsoft to transfer media files and associated data back and forth to/from devices, with optional additional support for remote control of the device.
If Windows Media Player 10 is installed in the target computer, the computer will automatically connect MG200 via MTP.
Once in MTP mode, songs stored in Windows Media Library can be synchronized to MG200, and Microsoft's WMDRM music files can be downloaded.
Songs listed in Windows Media Player playlist can be downloaded easily to MG200 when Windows Media Player 10 is synchronized.

MSC (Mass Storage Class)

MSC is a protocol which enables MG200 to be used as a portable disk, regardless of the operating system you use.

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To switch between MTP and MSC modes

- While MG200 is plugged into your computer, press the Menu (M) button to switch between the MTP and the MSC modes.

⚠ ***Note:*** If you are using Windows98 SE and need to install the USB driver manually, please refer to Microsoft Knowledge Base or to MPIO Web Support.

Disconnecting MG200

To disconnect MG200 from a PC

- Place mouse cursor on "Stop a Hardware Device" icon in the system tray, and click right mouse button.
- Select "Stop USB Mass Storage Device.".
- Select USB Mass Storage Device from the list of hardware, and click the **[Stop]** button.
- When the "Stop a Hardware Device" window appears, select MPIO MG200 USB Device.
- Finally, click **[OK]** and disconnect the USB cable.
  Windows XP:
  Disconnect the USB cable when the "Safe to remove hardware" message appears.
  Windows 2000:
  Disconnect the USB cable by clicking the **[OK]** button after the "Safely Remove Hardware" message appears.

⚠ ***Note:*** Disconnecting MG200 without going through the above steps may result in loss of data.

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To disconnect MG200 from a Mac

- Press **COMMAND-E** or select **[Eject "MG200"]** in the File menu in Finder. If you have a mouse with two mouse buttons, right click on **MG200** icon on the desktop and choose **[Eject "MG200"]**.
- Wait until the MG200 icon disappears from the desktop.
- Remove MG200 from your Mac.

⚠ ***Note:*** Disconnecting MG200 without properly going through "Eject" process may result in loss of data.

Using MG200

Basic Controls

To turn on MG200

- Press and hold (►II).

To turn off MG200

- Press and hold (►II).

⚠ ***Note:*** MG200 will automatically power off three minutes after it was put on pause by default.

To change the volume

- Press (+) to raise or (-) to lower the volume. Hold either button to rapidly raise or lower the volume.

To lock MG200 buttons (in case you press them accidently)

- Set the Hold switch to Hold.
  When the Hold switch is set to Hold, all MG200 controls will be disabled and the Lock ( ) icon will appear when you attempt to activate the device.

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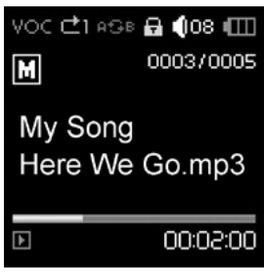
To switch between internal media storage and removable storage (SD card)

- Press [M] to go the main menu, and select [settings].
- On [Storage] menu item, press Enter (↵) or (▶▶I) to enter the menu.
- Select either Internal or External.
- Selecting Internal sets MG200 to play songs or video from its internal memory storage. Selecting External will force MG200 to play the contents off of the removable SD card plugged in.

Music and Video Features



To play a song

- Press the Menu (M) button once to invoke menu items if you're not already in main menu.
- Select [Music] menu item and press the Enter (↵) button once. The last played song will be shown. If your MG200 has yet to play a song, it will show the first song in the list.
- Press (▶II) to play.

To play a video

- Press the Menu (M) button once to invoke menu items.
- Select [Video] menu item and press the Enter (↵) button once and the list of video files is shown.
- Press (▶II) on a video file to begin playback.

⚠ ***Note:*** To make a video playable in your MG200 you need to use provided MTV Video Converter software. Please refer to Appendix at the end of this guide to learn more about MTV Video Converter.

To fast-forward or to rewind a song

- Press and hold the navigation (⏮ or ▶▶I) buttons while a song is being played.

To skip to the next song

- Press Next/Fast-forward (▶▶I).

⚠ ***Note:*** To skip to the next video, or to play the previous video, you must do so by bringing up the video list.

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To play the previous song

- Press the Previous/Rewind (⏮) button within ten seconds into a song.

To start a song

- Press the Previous/Rewind (⏮) button ten seconds after a song has started playing.

To play the next or the previous song while in pause

- Press the navigation (⏮ or ⏭) buttons while a song is paused. MG200 will ready the next or the previous song. Press (⏯) to start playing the song ready.

⚠ ***Note:*** To skip to the next video, or to play the previous video, you must do so by bringing up the video list.

⚠ ***Note:*** Some VBR files might not respond to above navigation command.

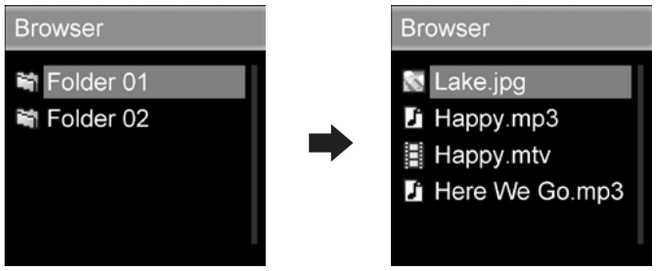
To browse for a song

- Press the Enter (↵) button once.
  List of files is displayed.
- Navigate to the song you want to listen to with the navigation (+)(-) buttons, and play the song by pressing the Enter (↵) button.

⚠ ***Note:*** Pressing the (M) button while navigating will take you back to the playback screen.

To move to subfolders

- Press (⏭) on a folder to move to subfolders; or to go into or to select the folder
- Press (⏮) to move to top folders; or to unselect or to cancel folder actions.
- Press (⏯) or Enter (↵) button on a song to play the song.



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To repeat songs

- Press and hold Enter to bring up the context sensitive menu.

Select Repeat from the menu.

[] (No repeat) - [] (repeats the current one song over and over) - [] (repeats ALL songs in a list) -[] (Randomly repeats all the songs) - [](plays all songs only within the current directory once) - [](repeats all songs within the current directory) - [](randomly repeats all the songs within the current directory)

To set section (A <-> B) repeat for a song

- During playback of a song, press the Record (●) button once to mark the beginning of a section.

(Ⓐ) will appear on the screen.

- Where you want the end of the section to be, press the Record (●) button once again.

(ⒶⒷ) will appear on the screen.

Now you will hear repeatedly the selected block of your song.

⚠ ***Note:*** This feature is useful if you're using MG200 to study foreign language and you need to hear something repeatedly.

To change the equalizer setting for songs

- Press and hold Enter to bring up the context sensitive menu.

Select EQ from the menu.

Normal - Pop - Rock - Jazz - Classical - Vocal - Bass Booster - User EQ

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Recording Features

To record your voice

- Press the Menu (M) button once to invoke menu items if you're not already in main menu.
- Select [Recorder] and press the Enter (↵) button to go into the Recorder screen.
- Press the Record (●) button to start recording your voice.
- Press (►II) to pause and press it again to resume recording.
- Press the Record (●) button again to stop recording.
  Recordings will be stored in the **MICINDIR** folder as WAV files with **"VOIC"** prefix, followed by numbers.

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Radio Features

- Press the Menu (M) button once to invoke menu items if you're not already in main menu.
- Select [Radio] and press the Enter (↵) button once to turn on the FM radio.

To change the FM radio frequency

- Press (⏮) to lower a frequency and (⏭) to up a frequency.

To scan for a radio station

- Press and hold (⏮) or (⏭).

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To store a radio station frequency as a preset channel

- Press Enter (↵) to bring up the channel list, navigate to a slot you want your radio station saved, and finally press Enter (↵) to store your station.

To switch between Scan Mode and Preset Channel Mode

- Press (►II).

To browse for a preset radio station channel (while in Preset Channel Mode)

- Press the Enter (↵) button to bring up the channel list, navigate to the station you want to listen to, and press Enter (↵) to listen.

To switch between STEREO and MONO

- Press the Menu (M) button once to invoke menu items

To record FM radio

- Press the Record (●) button and hold it for about a second to start recording.
- Tap the Record (●) button again to stop recording.
- Press (►II) to pause recording; press it again to resume recording.
  Recordings will be stored in the **FMINDIR** folder as WAV files with "FM" prefix, followed by numbers.

Photo and Text Viewer Features

- Press the Menu (M) button once to invoke menu items if you're not already in main menu.
- Select [Viewer] and press the Enter (↵) button once to invoke Photo and Text Viewer.

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Viewing a text document or a photo

To	*Do this*
View a text file or a photo	Press Enter (↵) on a text or a photo.
Scroll up or down a line within a text document	Tap (+) or (-)
Scroll up or down fast within a text document	Press and hold (+) or (-)
Flip to the next or previous photo	Tap (▶▶I) or (I◀◀).
Flip through photos forward or backward	Press and hold (▶▶I) or (I◀◀).
Invoke the list of text documents and photos	Press Menu (M).

Browser Features

- Press the Menu (M) button once to invoke menu items if you're not already in main menu.
- Select [Browser] and press the Enter (↵) button once to invoke File Browser.

Basic navigation

To	*Do this*
Move the selector up an item	Press (+).
Move the selector up fast	Press and hold (+).
Move the selector down an item	Press (-).
Move the selector down fast	Press and hold (-).
Go into a folder	Press Enter (↵) or (▶▶I) on a folder.
Exit a folder	Press (I◀◀).

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To delete a file

- In the file list, Press Enter (↵).
  A window pops up.
- Place the selector on "Delete" and press (▶▶|).
  Press Enter (↵) button on either Yes or No on the confirmation window to confirm delete, or to cancel.
- Press Menu (M) at any time before the file is actually deleted to cancel the delete action.

Settings

- Press the Menu (M) button once to invoke menu items if you're not already in main menu.
- Select [Settings] and press the Enter (↵) button once to go into Settings menu.

Navigating in the Settings menu

Press (+) and (-) buttons to navigate the menu.
Press Enter (↵) or (▶▶|) to select a setup menu item.
Press (|◀◀) to exit from the current position and move up a menu.

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Appendix

MTV Video Converter

Before you begin
MTV Video Converter creates video files playable in your MG200. You can convert your favorite movie, music video collections, or your camcorder movies and watch them on MG200.

MTV Video Converter supports the following file formats:

.avi(DivX or XviD file extension); **.wmv** or **.asf** (Windows Media file formats); **.mpg**(MPEG-1); **.vob**(MPEG-2)

Please make sure the file you want to convert complies to one of the above file formats.

Microsoft® DirectX®, Windows Media®Player 9 series, and CODECs
MTV requires Microsoft DirectX runtime, Windows Media Player 9 or higher, and some essential CODECs to perform its conversion job properly. If your computer isn't installed with these softwares, please go to the below Web sites and acquire them.

Microsoft DirectX
http://www.microsoft.com/directx
Windows Media Player
http://www.microsoft.com/windows/windowsmedia
FFDShow: (MPEG-2, MPEG-4, AC3, and more)
http://www.free-codecs.com/download/FFDShow.htm
GPL MPEG-1/2 (MPEG-2)
http://www.freecodecs.com/download/GPL_MPEG1_2_DirectShow_Decoder_Filter.htm

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- Install MTV Video Converter by launching the installation executable.
- Run MTV Video Converter either by double-clicking on the program icon; or by selecting it under [All Programs] in the Start menu.

To convert a video file

- Run MTV Video Converter if it hasn't started already.
- Click on "Input Video."
- Point to the video file you want converted, and click Open.
- The window next to "Video Output" indicates where MTV Video Converter will store the result file. You can change the destination by clicking the folder icon to the right.
- Adjust "Output Frame Size," "Output Frame Rate," and "Output Audio Quality" to adjust the screen size, frame rate, and audio quality of the result video.
- Click "Start Conversion" to begin a conversion process.

Conversion time vary depending on the size of the original video file.
Your target file will have .mtv extension in the directory or the folder you have designated.
You can get more in-depth information about MTV Video Converter at *www.mpio.com*

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Keeping your MG200 up-to-date

To upgrade your MG200

Prior to upgrading your MG200, please make sure that all your songs and files inside MG200 are backed up; and that MG200's battery is full.

Follow below instructions carefully.

- Download the firmware from MPIO Web site at *www.mpio.com*
- Turn on MG200 and connect it to your computer with the provided USB cable.
- Make sure that your computer has recognized MG200 as an external storage, or MSC(Mass Storage Class); and that you're able to access the directories and folders of MG200.
- Double-click the downloaded upgrade file to start upgrade process.
- Follow the instructions on screen.
- When the upgrade is finished, disconnect your MG200 from the computer and follow any further instructions given on MG200's display.

This software installs new version of Firmware on your MP3 Player
MSC Mode only
Click
Read following instruction
1 Connect MG200 to computer
2 Backup data in MG200
Click
Now installing! Do not disconnect MG200
1 Click 'Next' to begin installing new firmware
Click
Now installing! Do not disconnect MG200
Click
Installation completed!
1 Click 'Finish' to finish Firmware installer
Click

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